

AMENDMENTS**In the Claims:**

Please amend the above-identified application pursuant to the revised practice set forth in the Notice entitled "Amendments in a Revised Format Now Permitted" and published in the Official Gazette on February 5, 2003. All claims that are, or were, in the application are presented below. A status identifier is provided for every claim and the text of all claims under examination is submitted. All claims being currently amended are submitted with markings to indicate the changes that have been made relative to the immediate prior version of the claims. The changes in the amended claims are shown by strikethrough (for deleted matter) or underlining (for added matter). No separate "clean" version is submitted for currently amended claims. Markings have been made only in claims being currently amended. The text of pending claims not being currently amended that are under examination is presented in a clean version.

1. *(Canceled)*
2. *(Previously Amended)* The method of claim 18, wherein the oscillatory motion of the oscillatory driver is harmonic motion.
3. *(Previously Amended)* The method of claim 18, wherein the oscillatory motion of the oscillatory driver is disharmonic motion.
- 4-5. *(Cancelled)*
6. *(Previously Amended)* The method of claim 18, wherein a frequency of the oscillatory motion of the oscillatory driver ranges from about 0.01 Hz to about 20 GHz.
7. *(Original)* The method of claim 4, wherein a frequency of the oscillatory motion of the oscillatory driver ranges from about 0.1 Hz to about 1 kHz.

8. **(Original)** The method of claim 5, wherein a frequency of the oscillatory motion of the oscillatory driver ranges from about 0.4 Hz to about 40 Hz.

9. **(Previously Amended)** The method of claim 18, wherein the oscillatory motion of the oscillatory driver is induced by inducing oscillatory motion of the container.

10-17. **(Cancelled)**

18. **(Currently Amended)** A method for thawing a frozen biopharmaceutical solution, the method comprising:

heating the biopharmaceutical solution, when at least a portion of the biopharmaceutical solution is frozen, using a heating element coupled to a container which contains the biopharmaceutical solution; and

inducing oscillatory motion to the biopharmaceutical solution to thaw the at least a portion of the biopharmaceutical solution using an oscillatory driver adapted to be coupled to the biopharmaceutical solution; and

wherein the driver inducing the oscillating motion rolls the container from a first position to a second position along, and in contact with, a surface, and the driver rolls the container a distance from the second position toward the first position along, and in contact with, the surface.

19. **(Currently Amended)** A method for thawing a frozen biopharmaceutical solution, the method comprising:

heating the biopharmaceutical solution held in a container, when at least a portion of the biopharmaceutical solution is frozen;

moving the container from a first position to a second position along, and in contact with, a surface wherein the first position and the second position are separated by a distance along the surface; and

moving the container a second distance from the second position toward the first position along, and in contact with, the surface.

20. **(Currently Amended)** A method for thawing a frozen biopharmaceutical solution, the method comprising:

heating the biopharmaceutical solution held in a container, when at least a portion of the biopharmaceutical solution is frozen;

operatively moving the container from a first position to a second position along, and in contact with, a surface using a motor driving a linkage wherein the first position ~~using a motor driving a linkage~~, and the second position are separated by a distance along the surface; and

moving the container a second distance from the second position toward the first position along, and in contact with, the surface.

21. **(Currently Amended)** A method for thawing a frozen biopharmaceutical solution, the method comprising:

heating the biopharmaceutical solution held in a container, when at least a portion of the biopharmaceutical solution is frozen;

step for moving the container from a first position to a second position along, and in contact with, a surface, wherein the first position and the second position are separated by a distance along the surface; and

step for moving the container a second distance from the second position toward the first position along, and in contact with, the surface.